INTERNA	TIONAL	SEARCH	REPORT

International application No.

PCT/US02/02300

A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : H02K 41/00, 07/09  US CL : 310/14, 90.5  According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 310/14, 90.5, 90, 13, 12					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet					
C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where ap		Relevant to claim No.		
Y	US 5,691,582 A (LUCAS et al) 25 November 1997	(25.11.1997), Figs.4-8.	1-22		
Y	US 4,451,811 A (HOFFMAN) 29 May 1984 (29.05.1984), column 1, lines 49-55.		1-22		
Busha					
	r documents are listed in the continuation of Box C. pecial categories of cited documents:	See patent family annex.  "T" later document published after the inte	tit filidate or micrity		
"A" document	t defining the general state of the art which is not considered to be	date and not in conflict with the applic principle or theory underlying the inve	ation but cited to understand the		
"E" carlier ap	oplication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be considered.			
	t which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as	"Y" document of particular relevance; the considered to involve an inventive ster combined with one or more other such	when the document is		
"O" document	t referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the			
*P* document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed			family		
Date of the a	actual completion of the international search	Date of mailing of the international sea	rch report		
25 June 2002 (25.06.2002)		12 JUL 2002			
Commissioner of Patents and Trademarks Box FCT Washington, D.C. 20231		Nestor Ramirez ) 000 00 ld	30)		
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INTERNATIONAL SEARCH REPORT	International application No. PCT/US02/02300			
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Continuation of B. FIELDS SEARCHED Item 3: USPAT, EPO, JPO, DERWENT, IBM_TDB, USOCR, US-PGPUB PAUL LINDBERG, DAVID WOYCECHOWSKY, PHILIP HOLLINGSWORTH, JAMES CARL EARL, LEONARD WEDMAN, MAGNETIC SLEEVE				
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Form PCT/ISA/210 (second sheet) (July 1998)